SUBJECT: SMS UNIX Installation   **DATE: 23 July 1997**

TO: Surface Water Graphical Interface Users   **FROM: Donnell, TABS Administrator**

This document contains instructions for a customized installation of SMS such that one installation will service multiple users on a UNIX platform.

(1) Choose a location or make a directory accessible by the administrator of the computer (id=root). Change directory to this location. The following is an example
- `cd  /usr/local`

(2) Issue the command: `ftp hlnet.wes.army.mil`

(3) Login to the anonymous ftp site, using your e-mail address as a password
- `cd /SOFTWARE/SMS/PROGRAMS`
- `binary`
- `get smsXXX.tar.Z`   (where XXX indicates your computer platform)
- `get tutorials.tar.Z`   (optional)
- `quit`

(4) Issue the command
- `uncompress smsXXX.tar.Z`
- `uncompress tutorials.tar.Z`   (optional)

(5) Issue the command
- `tar -xvf smsXXX.tar`
- `tar -xvf tutorials.tar`   (optional)

(6) A directory named 'sms' will automatically be created. Within this directory are the following:
- tutorial   (a directory which contains several examples)
- COLORS.GEOS   (color settings)
- Fonts.inc   (defaults fonts)
- SMS.INI   (default initializations)
- .vendorc   (private vendor information)
- sms   (default name of the Surface Water Graphical Interface executable)

(7) It is preferable to rename the default executable name to something more intuitive and issue executable permissions.
- `mv sms sms.exe`
- `chmod 755 sms.exe`

(8) Change directory to a location that is within the default path for all of your user accounts. The following is an example
- `cd /usr/local/bin`

(9) Create a short-cut command file which contains 1-line of information. This will provide the full path-way to the SMS executable and resources. The following is an example using the **ed** editor.
- `ed sms`
- `a`
- `/usr/local/sms/sms.exe  -r /usr/local/sms`
- `.`
- `q`
- `chmod 755 sms`

(10) Issue the command **sms**. The interface should execute and become visible on the monitor.

(11) The SMS graphical interface will remain in DEMONSTRATION mode (cannot print or save) until a valid password is provided. Pull down the **File** menu and choose **Register…**. The case sensitive registration string is needed to issue a password
- US Corps employees may e-mail to tabs@hl.wes.army.mil or phone (601) 634-3249.
- Others may contact the company from which they purchased the software.

(12) Type the 15-character password in the SMS Register dialog box. Exit as id=root. Finished.